M. A. R. 57 (Rule 116)
Measurement Book

No. B

425262

erial No. 1st and final Bill

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency ..... Sri. Mohan Kumar. B. Bagale

ate of commencement of work ..... D.D. Received. 18.12.2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Name of Work :- Improvement Roads and Construction of culvert at Ranchasthe Hegdehalgar West side in W-4 no.06, Byatarayanapura Sub-Division.						
	Estimated cost Rs- 10.00 Lakh.						
	Job.no. : 006-19-000040						
	Work order no : BDMP/BB/BTP/WO/					2019.20	D. 28.11.2019

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earthwork Excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 0.300m, Excavated surface levelled to bed & neatly dressed, & disposed Earth also levelled neatly after breaking clods complete as per specifications.						
		Abstract this MB. proper deductions					
		Item no. (1) page (91) of this MB					
		=	125.m³ @ 122.82/m³				15228/-
2)	providing and ~~laying~~ dressing in position plain cement concrete of						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

425267

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	M20 1:1½:3 With opt. cement at and down size graded granite size	1 No	1.5m	1.5m	0.40m		
		Abstract this MB. proper measurement					
		Item no (2) page (91) of this MB				1.5 × 1.5 × 0.4 = 0.9m³ @ 8178.38/m³	7348/-
3)	Providing & Constructing granite (Kurp) boundary size stone masonry in basement in cm 1:6 Edge of stone						

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MEASUREMENT BOOK

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Chisel dressed in courses not less than 15cm height bed stones at 24 apart in each course including cutting required, labour, curing complete as per specification.						
		2nos	6.40	0.60	0.30	4.32	
		2nos	6.40	0.65	0.30	6.48	
						12.96cum	66586
						@ 5137.29/cum	
4)	Providing and removing existing, shuttering, propping etc and removing from store for such use all materials of						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

425264

...el No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
beams, beam haunchings, curbs, lintels, gratings, brackets and slabs not exceeding 1m in depth including cutting all materials labour complete as per specification.						
		9sq.m	vide pre-measurement.			
		H.no. (4) p.no (93) of this MB			99.60sq.m	27253.cum
					@ 273.67/sq.m	
5) Providing and laying in position plain cement concrete						

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MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
of mix 1:2:4 with opc cement @ 220 kg/m³ with 20mm and down size graded granite metal coarse aggregate @ 0.8 m³ and fine aggregate @ 0.4 m³ machine mixed concrete laid in layers not exceeding 150 mm thick well compacted in foundation and plinth including curing all materials, labour, hoisting machinery etc complete						
C/o carriageway	1	6.00	0.60	0.15	0.54 m³	
" body	1	6.00	0.60	0.15	0.54	
	2+2	6.00	0.60	0.15	2.16	
	2+4	30.00	0.60	0.15	5.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

425265

No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

s of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	30.00	0.60	0.15	2.70	
	1	18.00	0.60	0.15	1.62	
					12.96 m³	
					@ 4974.35/m³	64473.—
Providing flush pointing to coursed stone masonry with C.M 1:3, 20mm deep after racking joints to depth of 20 mm including curing, cost of material, labour curing complete as per specifications and directions of Engineer-in-charge						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2×1	6.40	-	0.90	10.80	
		2×1	6.40	-	0.90	10.80	
						21.60 y²	
						@ 197.72/y²	4271.-
7)	Providing and Laying in position plain cement concrete 1:2:4 mix M.20 with ope cement 320 kg/m³ with nominal down size graded granite metal coarse aggregate @ 0.83 m³ and fine aggregate 0.45 m³ with superplasticizer conforming to IS 9103 - 1999 Reinforced machine mixed ready to use ready mixed for all works						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

425266

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
e of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
In floor plinth and lintel, retaining walls, retaining walls, including attached plinth column, pier, abutments, pillar, posts, struts, buttresses, sloping or laced columns, parapets coping bed blocks etc Complete as per specification.	E.F. level for Ref slabs, Staircase					
Recd wks						
Y/S. Balcony-Rail	1	30.60	0.90	0.10	2.754	
Y/S	1	11.10	0.90	0.15	1.50	
Y/S	1	30.60	0.90	0.15	4.05	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for drain wall L/S	1	15.75	0.90	0.15	2.13 m³	
		2×1	30.00	0.55	0.60	5.40	
		2×1	11.50	0.55	0.60	2.00	
		2×1	30.00	0.55	0.60	5.40	
		2×1	15.75	0.75	0.60	2.84	
						26.01 m³	
					Unit	26.00 m³	
						@ 5302.31/m³	137870.00
(e)	Providing & laying steel reinforcement for RCC work including straightening, cutting, bending, making					ploops in position.	

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No. B

425267

425

...el No. .....
...e of Work ..... From..... To.....
...e of Contractor of nature of Agency .....
...e of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
lapping or welding wherever required by PIC bindg wire and anchoring to adjoining members, wherever necessary complete as per design., including cutting wastage, labour, use of machinery complete.						
		as per rate p.m. p.m. (32) (3)				
		of this mts. = 1.75 Tonnes				
					@ 66497.98/T	116371.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9)	Providg precast slabs of 250mm thick including costg all materials, labour, cartg, transportation loadg, unloadg etc complete as per directions of Engineer-in-charge work.						
		1	6.00	1.50	-	9.00	
		1	6.00	1.00	-	9.00	
						18.00 m²	86211.18
						@ 4789.51/-	
10)	Providg precast slabs 100mm thick including cost of all materials, labour, cartg transportation etc complete.						

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No. B

425268

425300

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
e of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
as per directions of Engineer-in-Charge work.						
slabs 4	1	30.00	0.90	-	27.00	
	1	11.00	0.90	-	9.99	
8	1	30.00	0.90	-	27.00	
	1	15.75	0.90	-	14.18	
					78.17 m²	
				Total	74.74 m²	154323.48
				@	2065.91/- m²	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11	Loading and unloading of stone boulders, by manual means complete as per specifications, norms Chapter 4						
						9M/Mile @ 125 KM	6676--
						@ 534.40/4	
						Total Rs	752743.00
						Add GST @ 12%	90329.00
						Total	8,43,072.00

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425269

No. .....

of Work ..... From ..... To .....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2		4	5	6	7	8
9m cross						
RF Nugar						
8m cross						
41.10m						
39.05m						
45.20m						
Rc drain						
Thanisandra Main Road						

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